

Converting Colors

XYZ(37.7880, 38.8637, 44.0632)

Have a look what the booklet for
XYZ(37.7880, 38.8637, 44.0632)
contains.

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Color

**XYZ(37.7815, 38.8706,
44.0396)**

Conversions

Conversions Part 1

Format	Color
Hex	ABA6AB
RGB	171, 166, 171
RGB Percent	67%, 65%, 67%
CMY	0.3294, 0.3490, 0.3294
CMYK	0.00, 0.03, 0.00, 0.33
HSL	300°, 3%, 66%
HSV	300°, 3%, 67%
XYZ	37.7815, 38.8706, 44.0396
YIQ	168.0650, 1.3750, 2.6150

Conversions

Conversions Part 2

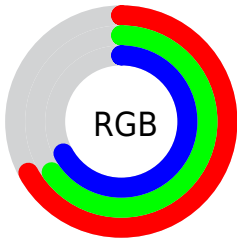
Format	Color
RYB	171, 166, 171
Decimal	11249323
CIELab	68.66, 2.73, -1.95
CIElCh	69, 3.355, 324.531
Yxy	38.8706, 0.3130, 0.3221
Android (android.graphics.Color)	4289439403 (0xFFABA6AB)
YUV	168.0650, 1.4470, 2.5740
Hunter-Lab	62.3463, -0.9360, 1.7617

Details

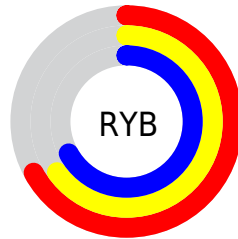
The XYZ color **37.7815, 38.8706, 44.0396** is a light color, and the websafe version is hex **999999**. A complement of this color would be **37.1732, 39.9870, 41.8374**, and the grayscale version is **37.2449, 39.1845, 42.6720**.

A 20% lighter version of the original color is **70.9479, 73.3726, 82.3745**, and **16.9548, 17.2885, 19.8962** is the 20% darker color. If you saturate the color by 10%, you get **34.8779, 33.0629, 43.0722**, and if you desaturate by 10%, it is **41.1006, 45.5083, 45.1465**.

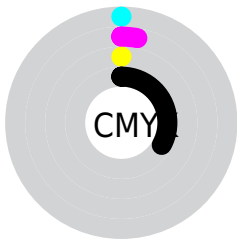
Distribution



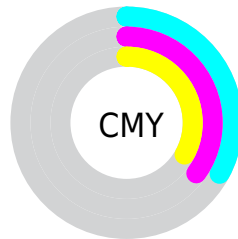
- Red (67%)
- Green (65%)
- Blue (67%)



- Red (67%)
- Yellow (65%)
- Blue (67%)



- Cyan (0%)
- Magenta (3%)
- Yellow (0%)
- Black (33%)



- Cyan (33%)
- Magenta (35%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 37.7815, 38.8706, 44.0396 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 37.7815, 38.8706, 44.0396 by changing the saturation by 10% instead.

■ 37.7815, 38.8706,
44.0396

■ 37.7815, 38.8706,
44.0396

327.9788,
341.3400, 378.9159

■ 25.9896, 26.6591,
30.3642

■ 71.0792, 73.4406,
82.5804

■ 16.9485, 17.3173,
19.8608

■ 93.3156, 96.5679,
108.2830

■ 10.2929, 10.4610,
12.1108

119.7644,
124.1025, 138.8317

■ 5.6573, 5.7057,
6.6957

150.7906,
156.4289, 174.6450

■ 2.6765, 2.6670,
3.1970

186.7599,
193.9315, 216.1416

■ 0.9851, 0.9604,
1.1961

228.0374,

■ 0.0000, 0.0000,

236.9946, 263.7399

0.0000

274.9886,
286.0026, 317.8585

■ 37.7815, 38.8706,
44.0396

■ 37.7815, 38.8706,
44.0396

■ 34.8779, 33.0629,
43.0722

■ 41.1006, 45.5083,
45.1465

■ 32.3703, 28.0477,
42.2363

■ 44.8473, 53.0016,
46.3954

■ 30.2426, 23.7924,
41.5270

■ 49.0371, 61.3812,
47.7921

■ 28.4763, 20.2597,
40.9382

■ 53.6838, 70.6746,
49.3410

■ 27.0513, 17.4097,
40.4631

■ 58.8007, 80.9085,
51.0467

■ 25.9455, 15.1982,
40.0945

■ 59.9057, 83.1184,
51.4151

■ 25.1345, 13.5761,
39.8241

■ 59.9057, 83.1184,
51.4151

■ 24.5900, 12.4871,
39.6426

■ 59.9057, 83.1184,
51.4152

■ 24.2783, 11.8638,
39.5386

■ 59.9057, 83.1184,
51.4152

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



37.3700, 38.8706, 45.0344



37.7815, 38.8706, 44.0396



37.9690, 38.8706, 42.6022

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



37.7815, 38.8706, 44.0396



37.0425, 38.8706, 39.4843



36.0260, 38.8706, 43.5468

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



37.7815, 38.8706, 44.0396



37.1732, 39.9870, 41.8374

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



35.9402, 38.8706, 42.0460



37.7815, 38.8706, 44.0396



36.5239, 38.8706, 39.7236

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



37.7815, 38.8706, 44.0396



37.5398, 38.8706, 39.9908



36.1216, 38.8706, 40.6525



36.3572, 38.8706, 44.7451

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



37.7815, 38.8706, 44.0396



37.9406, 38.8706, 41.5954



36.1216, 38.8706, 40.6525



35.9677, 38.8706, 43.0600

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



37.7826, 38.8723, 44.0404



68.7396, 71.7650, 79.2309



36.7145, 38.3216, 43.9905



15.3363, 16.0181, 17.6712



82.5889, 86.8899, 94.6231



15.4596, 16.2647, 17.7123

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



37.7826, 38.8723, 44.0404



67.0312, 68.3482, 78.6615



37.5466, 38.7779, 42.7977



8.6555, 8.7848, 10.1921



18.2019, 8.7433, 29.7725



0.5064, 0.2432, 0.8282

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



37.7826, 38.8723, 44.0404



67.0312, 68.3482, 78.6615



37.4047, 40.0796, 43.0565



8.6555, 8.7848, 10.1921



18.2019, 8.7433, 29.7725



0.5064, 0.2432, 0.8282

Previews

White Background



This preview shows how the XYZ color 37.7815, 38.8706, 44.0396 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 37.7815, 38.8706, 44.0396 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 37.7815, 38.8706, 44.0396

Background



This preview shows how black text looks on a background with the XYZ color 37.7815, 38.8706, 44.0396.



This preview shows how white text looks on a background with the XYZ color 37.7815, 38.8706,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

37.7815, 38.8706, 44.0396

Protanopia

37.5316, 39.0127, 44.0802

Deuteranopia

39.6581, 38.7643, 44.4218



Tritanopia

38.5043, 38.8953, 47.5976

Trichromacy



Original Color

37.7815, 38.8706, 44.0396

Protanomaly

37.7470, 39.1238, 44.0902

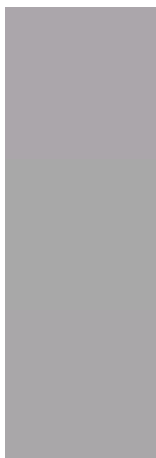
Deuteranomaly

38.9037, 38.6379, 44.4371

Tritanomaly

38.2063, 38.7761, 46.0283

Monochromacy



Original Color

37.7815, 38.8706, 44.0396

Achromatopsia

37.2190, 39.1572, 42.6422

Achromatomaly

37.3423, 38.9370, 43.0836

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.7815, 38.8706, 44.0396 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(171, 166, 171)` looks like.

```
.text, #text, p{  
    color:rgb(171, 166, 171)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(171, 166, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 166, 171) }
```

Border

The CSS property to change the border of an element to XYZ 37.7815, 38.8706, 44.0396 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(171, 166, 171) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(171, 166, 171) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(171, 166, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 166, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 166, 171);  
box-shadow:4px 4px 4px 4px rgb(171, 166,  
171) }
```

Background

The CSS property to change the background color of an element to XYZ 37.7815, 38.8706, 44.0396 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 166, 171) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(171,  
166, 171) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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